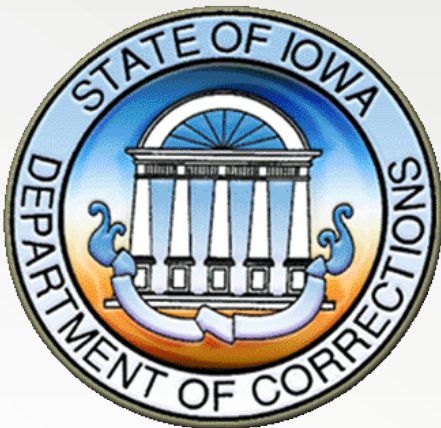
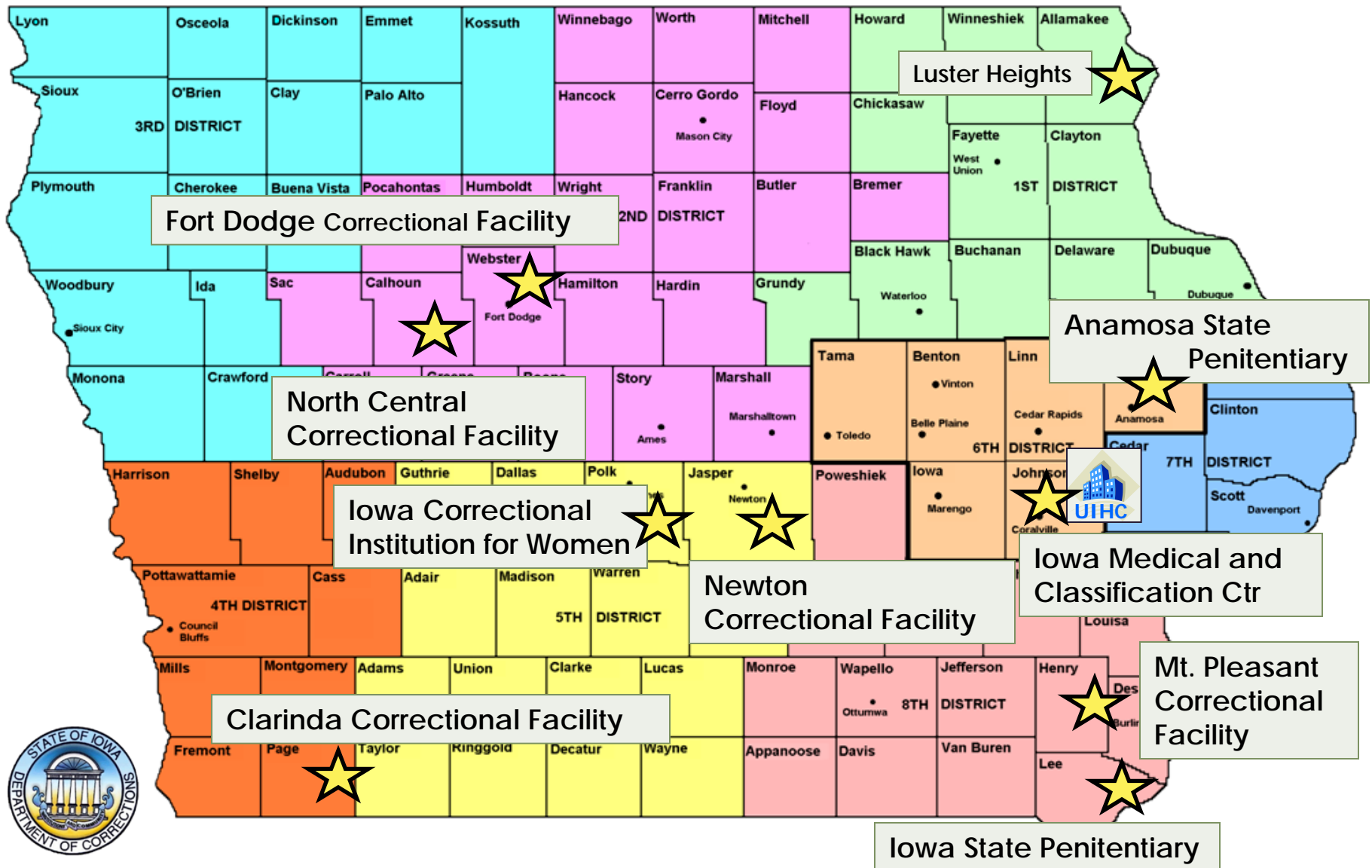


LEGISLATIVE INTERIM COMMITTEE MEDICAL OVERVIEW 2011

HARBANS DEOL, D.O., PhD
MEDICAL SERVICES DIRECTOR
DEPARTMENT OF CORRECTIONS
SEPTEMBER 28, 2011



IOWA PRISONS

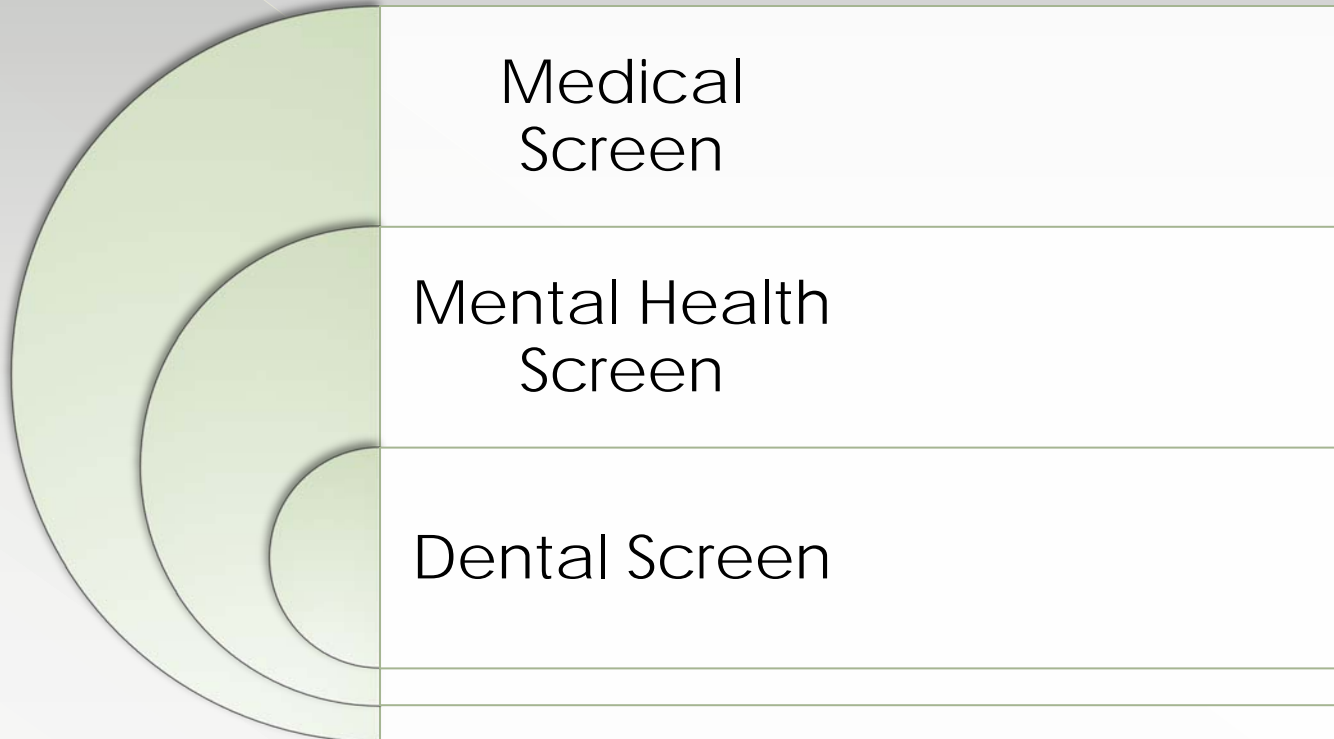


IDOC Medical

- ◉ Medical
- ◉ Mental Health
- ◉ Forensic Psychiatric Hospital
- ◉ University of Iowa Health Clinics (UIHC)
- ◉ Pharmacy



IMCC AS RECEPTION CENTER



CHRONIC DISEASE

Total Offenders: 8,700

Number of offenders with 1 chronic disease:

> Age 54	241
< Age 54	2,537

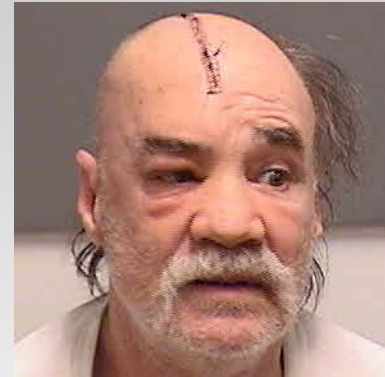


As of 3/02/2010

Scenario A



6/6/2005



4/12/2011

54 yr. old male

CHRONIC DISEASE

Total Offenders: 8,700

Number of offenders with >1 chronic disease:

> Age 54 478

< Age 54 1,250



As of 3/02/2010

TOTAL IDOC POPULATION

2005 - 2011

	2005	2006	2007	2008	2009*	2010 (FY)	2011 (FY)
Total Population	13,855	13,907	13,646	13,503	12,063	12,632	12,901
Age 18-29	5381	5368	5204	5090	4528	4622	4677
Age 30-39	4083	4023	3899	3793	3373	3564	3639
Age 40-49	3250	3206	3131	3058	2687	2806	2786
Age 50-59	902	1,027	1,104	1,229	1,139	1,260	1,396
Age 60 and over	239	283	308	333	336	380	403

(*Jan. 1 - Sept.25)



CHRONIC DISEASE - AGES 18 – 60+

2005 – 2011

	2005	2006	2007	2008	2009	2010	2011
HIV	19	32	31	41	34	54	51
AIDS	13	12	18	18	15	20	18
Hepatitis C	911	979	1,043	965	934	1,498	1,515
Hepatitis B	22	16	19	18	20	33	38
Neoplasm	47	64	71	63	87	166	209
Diabetes I&II	240	273	353	370	382	595	633
Seizure	36	31	31	32	32	229	271
HTN	667	760	853	1,005	1,114	1,694	1,838
CAD	81	92	194	110	127	179	207
Asthma	384	442	519	648	688	1,164	1,212
COPD	97	105	102	126	151	229	257
Hyperlipidemia	447	586	731	809	941	1,568	1,617



CHRONIC DISEASE – AGES 50+

2005 - 2011

	2005	2006	2007	2008	2009*	2010 (FY)	2011 (FY)
Total Population Age 50+	1,141	1,310	1,412	1,562	1,475	1,640	1,799
HIV	8	10	10	13	14	16	12
AIDS	6	6	6	8	6	6	5
Hepatitis C	249	335	388	413	409	485	517
Hepatitis B	7	5	10	11	12	14	17
Neoplasm	23	36	34	35	43	60	64
Diabetes I & II	146	176	210	223	237	281	303
Seizure	15	27	29	35	36	34	51
HTN	353	426	475	564	587	669	719
CAD	82	89	102	109	102	115	142
Asthma	46	67	83	95	96	111	140
COPD	92	104	107	132	144	164	185
Hyperlipidemia	257	297	349	393	437	539	621

(*Jan. 1 - Sept.25)



MENTAL HEALTH

CHRONIC CONDITIONS FY2010-2011

	2010 (FY)	2011 (FY)
Geriatric Population		
Age 50-59	1,260	1,396
Age 60 and over	380	403
Total	1,640	1,799
SMI-SN Patients		
Age 50-59	180	237
Age 60-64	32	37
Age 65-69	14	16
Age 70 and over	7	8
Total	233	298
% of G-Population	14.2%	16.6%



MENTAL HEALTH

DISEASE MANAGEMENT

Populations by Diagnosis

Female Offenders Top 10 MI Diagnoses

Total Prison Population 1/6/2011: 8,864

Total Female Population 1/6/2011: 724

Diagnosis Category	N	%
Substance use disorders	339	46.8%
Depression and major depressive disorders	283	39.1%
Personality disorders	187	25.8%
Anxiety, general anxiety and panic disorders	173	23.9%
Bipolar disorders	110	15.2%
Posttraumatic stress disorder (PTSD)	106	14.6%
Psychosis/Psychotic disorders	101	14.0%
Other adjustment disorders (not PTSD)	42	5.8%
Dysthymia/Neurotic depression	36	5.0%
Schizophrenia	32	4.4%

Above includes all diagnoses, not just seriously mentally ill (SMI). Offenders with diagnoses in more than one category are counted more than once.



MENTAL HEALTH

DISEASE MANAGEMENT

Populations by Diagnosis

Male Offenders Top 10 MI Diagnoses

Total Prison Population 1/6/2011: 8,864

Total Male Population 1/6/2011: 8,140

Diagnosis Category	N	%
Substance use disorders	1,963	24.1%
Depression and major depressive disorders	1,430	17.6%
Anxiety, general anxiety and panic disorders	1,177	14.5%
Personality disorders	842	10.3%
Psychosis/Psychotic disorders	617	7.6%
Other adjustment disorders (not PTSD)	397	4.9%
Bipolar disorders	382	4.7%
Schizophrenia	256	3.1%
Posttraumatic stress disorder (PTSD)	239	2.9%
Impulse control disorders	221	2.7%

Above includes all diagnoses, not just seriously mentally ill (SMI). Offenders with diagnoses in more than one category are counted more than once.



MENTAL HEALTH DISEASE MANAGEMENT

Facility	Population	Total SMI/ SN	%
Anamosa State Penitentiary	1,160	240	20.7%
Anamosa - Luster Heights	80	-	0.0%
Clarinda Correctional Facility	875	274	31.3%
Clarinda - Lodge	195	33	16.9%
Fort Dodge Correctional Facility	1,259	235	18.7%
Iowa Correctional Institution for Women	576	338	58.7%
Iowa Medical & Classification Center	929	314	33.8%
Iowa State Penitentiary	580	131	22.6%
Iowa State Penitentiary - Clinical Care Unit	203	176	86.7%
Iowa State Penitentiary - John Bennett Unit	180	31	17.2%
Mount Pleasant Correctional Facility	977	282	28.9%
Mount Pleasant - Women's Unit	96	61	63.5%
Newton Correctional Facility	909	252	27.7%
Newton - Correctional Release Center	346	84	24.3%
North Central Correctional Facility	499	92	18.4%

Total Prison Population 1/6/2011: 8,864



MENTAL HEALTH DISEASE MANAGEMENT

SMI/Special Needs Inmates						
By Actual Custody Level						
	Total SMI/ SN		Females		Males	
Actual Custody Level	N	%	N	%	N	%
Maximum Custody	274	10.8%	26	6.1%	248	11.7%
Medium Custody	1,245	49.0%	179	41.8%	1,066	50.4%
Minimum Custody	716	28.2%	171	40.0%	545	25.8%
Minimum Live-out	143	5.6%	49	11.4%	94	4.4%
Minimum Work Out	137	5.4%	1	0.2%	136	6.4%
Missing/New	28	1.1%	2	0.5%	26	1.2%
Total SMI/Special Needs	2,543	100.0%	428	100.0%	2,115	100.0%



Total Prison Population 1/6/2011: 8,864

MENTAL HEALTH DISEASE MANAGEMENT

SMI/Special Needs Inmates						
By Level of Care (Based on Bed Designation)						
	Total SMI/ SN		Females		Males	
Level of Care	N	%	N	%	N	%
Acute/Sub-Acute	93	3.7%	38	8.9%	55	2.6%
Intensive Outpatient	185	7.3%	32	7.5%	153	7.2%
Special Needs	148	5.8%	61	14.3%	87	4.1%
Outpatient	2,117	83.2%	297	69.4%	1,820	86.1%
Total SMI/Special Needs	2,543	100.0%	428	100.0%	2,115	100.0%

Total Prison Population 1/6/2011: 8,864



CURRENT MEDICAL BEDS

	Medical Assisted (LTA /STA)	Skilled Nursing
IMCC	64	24
ASP	10 STU	8
ISP	14 Cell house 419	14 MCU
Totals	64+10+14	24+8+14

CURRENT MENTAL HEALTH BEDS

	Acute	Subacute	IOP	SN/OP
IMCC	20	48		86
ISP			182	38
CCF				130
MWU				96
ICIW	8	8		66

Case Scenarios

- 51 yrs old TDD11/8/2011
 - Voluntary Manslaughter; has been incarcerated for 16 yrs.
 - Depressive DO NOS; Borderline Intellectual Functioning; Impulse Control Disorder; Asperger's Disorder; Intermittent Explosive Disorder
 - No place for him to go; Beta II 84
- 83 yrs old TDD 12/2012
 - He thinks he is going home to a trailer in Missouri to live alone.
 - He is a sex offender.
- 86 yr. old TDD 12/2012
 - Dementia; amputated leg
 - No place to go, no family will take him

Case Scenarios

- 53 yr. old

- Had a stroke, paralyzed on left side, uses a wheelchair, has a Foley catheter
- Has been granted parole but no place to send him

- 56 yr. old

- Suffered a stroke
- Able to care for himself but has absolutely no idea where he is

Case Scenarios

- 68 yr. old
 - Was found incompetent to stand trial
 - Has been here at IMCC since 1/27/2010
 - CC to MHI-Clarinda
- 72 yr. old
 - Severe dementia, unable to talk, feed himself, wears diapers, all of his daily cares need to be done for him

Dementia

- 21 offenders in the department that currently carry a diagnosis of dementia

MENTAL HEALTH

FY2010-2011

Total IDOC Psychiatric Encounters:

January 6, 2011	59
May 19, 2011	62

